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DESCRIPTORS: *Cotton, Plants, *Boron, *Fertilizers,
Dosage, Growth substances.

Application of microdoses of boron accelerates develop-
ment and ripening of cotton, reduces the percentage of
fruit organs dropping off, increases the yield of raw
cotton as well as the percentage of seed in the boll and
the oil content of the seed. In view of the low mobility
of boron compounds through the cotton shrub, the best
means of applying microdoses of boron is by applying it
fractionally: part prior to sowing into the soil and part
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PHOTOELASTIC DETERMINATION OF THERMAL
EXPANSION IN GLASSES AND METALS, PT. V.
[May 63].
Order from BGIRA BGIRA-561

Trans. of Sprechsal (West Germany) 1963, v. 96,
no. 2, p. 36-39.

DESCRIPTORS: *Photoelasticity, Determination,
*Thermal expansion, *Glass, *Metals.

(See also BGIRA-560)

(Physics--Thermodynamics, TT, v. 10, no. 3)

- I. Kruthof, A. M.
- II. Padmos, A. A.
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- IV. British Glass Industry
Research Association

Office of Technical Services

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Order from BGIRA BGIRA-560

Trans. of Sprechsal (West Germany) 1962, v. 95,
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DESCRIPTORS: *Photoelasticity, Determination,
*Thermal expansion, *Glass, *Metals.

(See also BGIRA-559)

(Physics--Thermodynamics, TT, v. 10, no. 3)

- I. Kruithof, A. M.
- II. Padmos, A. A.
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- IV. British Glass Industry
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Trans. of Sprechsaal (West Germany) 1962, v. 95,
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DESCRIPTORS: *Photoelasticity, Determination,
*Thermal expansion, *Glass, *Metals.

(See also BGIRA-558) .

(Physics--Thermodynamics, TT, v. 10, no. 3)

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63-17420

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[May 63].
Order from BGIRA BGIRA-558

Trans. of Sprechsaal (West Germany) 1962, v. 95,
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DESCRIPTORS: *Photoelasticity, Determination,
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[May 63].

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no. 17, p. 464-467.

DESCRIPTORS: *Photoelasticity, Determination,
*Thermal expansion, *Glass, *Metals.

(Physics--Thermodynamics, TT, v. 10, no. 3)

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[34 p. (foreign text included) 9 refs.
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Trans. of Nederlands Tijdschrift voor Natuurkunde,
1958, v. 24, no. 12, p. 301-314.

DESCRIPTORS: *Glass seals, Dilatometers, *Glass,
Temperature, *Refractive properties, Metal, *Elas-
ticity, *Thermal stresses, Relaxation time, Seals
(Stoppers)

The possibility to produce glass-to-glass and glass-to-
metal seals is brought about first of all due to the fact
that these materials show differences in their contrac-
tion, as it arises when these materials are first heated,
and are then cooled down. By measuring the coefficient
(Materials--Ceramics, TT, v. 9, no. 4) (over)

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(NY-4240)

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JPRS 5371

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JPRS 7664

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Pochvovedov. 2d Komissia - Khimii pochv, Moscow,
1956, pp 151-169. CIA D 9008104

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